

MONTHLY BULLETIN
OF
THE OBSERVATORY
AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. $33^{\circ} 54' 22''$ N.

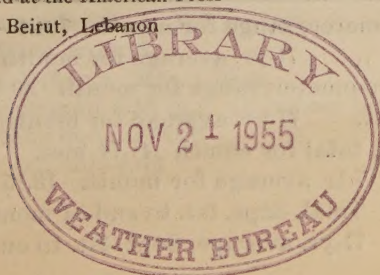
LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

May 1948

ROBERT W. SLOANE, DIRECTOR

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MAY 1948

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	64.1	62.5	62.4	63.0	22.5	15.6	19.3	21.5	16.9	19.2
2	0.9	58.5	57.5	59.0	23.8	16.9	20.4	21.1	19.4	20.3
3	55.0	4.1	2.7	3.9	26.6	17.7	23.6	25.5	21.3	23.5
4	6.2	6.2	8.7	7.0	24.5	16.2	20.9	23.3	17.7	20.6
5	9.6	9.2	60.5	9.8	24.0	16.3	20.5	22.7	18.3	20.5
6	60.8	60.5	60.0	60.4	23.8	16.1	21.4	22.7	17.7	20.6
7	59.1	58.1	56.7	58.0	20.3	16.9	21.8	23.4	18.5	21.2
8	4.0	4.6	5.2	4.6	23.9	14.6	21.4	23.4	18.3	21.0
9	4.5	5.1	5.3	5.0	21.0	16.1	16.3	18.8	17.3	17.5
10	6.8	7.4	8.4	7.5	21.0	15.6	18.4	17.7	17.1	17.7
11	59.6	59.8	60.5	60.0	24.0	15.6	20.4	22.7	17.7	20.3
12	61.9	61.5	2.0	1.8	24.0	16.3	20.9	22.9	18.3	20.7
13	2.8	2.6	1.9	2.4	24.0	17.3	21.0	23.2	18.4	20.9
14	1.5	1.0	0.6	1.0	26.3	16.7	23.1	23.9	18.9	22.0
15	59.5	57.5	57.0	58.0	24.5	18.9	21.6	23.7	19.9	21.7
16	56.2	56.8	57.8	56.9	25.5	17.2	20.6	24.9	19.4	21.6
17	8.4	8.6	9.5	8.8	25.0	16.9	21.8	24.3	19.0	21.7
18	9.7	9.4	8.3	9.1	26.0	18.4	21.6	24.9	20.0	22.2
19	60.6	9.4	9.2	9.7	26.8	16.7	19.4	25.7	19.4	21.5
20	1.3	61.6	61.9	61.6	25.8	17.8	22.3	23.8	19.6	21.9
21	63.0	61.9	61.5	62.1	27.7	19.9	22.1	25.8	20.1	22.7
22	1.3	0.2	1.0	0.8	28.6	19.2	24.9	26.8	20.9	24.2
23	1.4	0.4	0.1	0.6	28.3	19.3	25.5	27.4	21.3	24.7
24	0.4	59.4	58.0	59.3	29.8	21.1	25.5	28.4	21.9	25.3
25	58.2	7.5	7.0	7.6	30.5	21.7	26.6	29.1	24.6	26.8
26	56.6	56.6	57.0	56.7	30.8	21.1	27.2	28.6	22.7	26.2
27	7.2	7.4	6.8	7.1	29.6	20.7	24.9	26.7	21.1	24.2
28	7.5	7.5	6.8	7.3	27.9	20.6	24.5	27.7	21.6	24.6
29	6.6	4.6	2.8	4.7	29.9	20.6	26.6	28.9	23.0	26.2
30	4.9	5.2	6.4	5.5	27.9	19.9	25.5	26.2	21.8	24.5
	7.0	7.0	8.1	7.4	28.4	19.6	25.0	27.7	21.7	24.8
	58.92	58.45	58.44	58.60	25.89	17.98	22.41	24.61	19.80	22.26

Barometer, range for month 764.1 — 752.7 mm.

,, 71-yr. average for month 759.50 mm.

Thermometer, range for month 30.8° — 14.6°C

,, 71-yr. average for month 22.48 °C.

Rain, total for month 47.74 mm.

,, 71-yr. average for month 18.15 mm.

,, Total, Sept. 1st. to end of month 1152.38 mm.

,, 71-yr. average, Sept. 1st. to end of month 888.15 mm.

MAY 1948

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	16.1	18.9	18.4	17.8	75	74	95	81	8.2	299.0	
2	19.2	22.5	20.2	20.6	81	89	89	86	4.5	538.0	
3	17.7	24.8	18.3	20.3	61	75	73	70	9.5	435.0	
4	20.7	27.3	19.8	22.6	81	94	96	90	8.7	269.0	
5	21.1	23.1	19.9	21.4	87	83	94	88	9.2	185.0	
6	22.0	22.4	19.2	21.2	66	80	94	80	8.9	237.0	
7	22.0	23.3	20.5	21.9	84	80	97	87	9.5	153.0	
8	21.3	22.6	17.5	20.5	86	79	86	84	8.3	195.0	
9	17.8	21.2	18.0	19.0	98	97	92	96	6.5	579.0	24.38
10	20.5	20.4	18.5	19.8	97	99	95	97	2.2	689.0	17.78
11	21.1	22.4	19.2	20.9	87	81	94	87	10.0	232.0	1.52
12	20.0	21.8	19.9	20.6	63	79	94	79	11.5	269.0	
13	20.0	22.6	20.5	21.0	81	79	97	86	10.8	415.0	
14	23.3	24.1	20.6	22.7	81	81	95	86	9.8	367.0	
15	21.3	24.8	22.2	22.8	86	84	95	89	7.3	391.0	
16	23.6	24.6	20.6	22.9	97	78	95	90	6.3	322.0	0.25
17	20.8	23.7	20.0	21.5	80	78	93	84	9.8	315.0	
18	22.0	24.6	20.9	22.5	85	78	90	84	10.1	283.0	
19	22.6	24.8	21.4	22.9	99	76	95	90	6.3	388.0	3.81
20	21.6	24.1	20.8	22.2	80	81	91	84	12.0	377.0	
21	21.6	26.2	20.9	22.9	80	80	89	83	11.9	623.0	
22	26.0	29.6	25.1	26.9	82	84	99	84	11.2	295.0	
23	26.9	28.4	23.1	26.1	82	80	92	85	12.5	322.0	
24	22.8	29.8	25.3	26.0	70	78	98	82	12.6	301.0	
25	25.3	30.9	25.7	27.3	72	77	84	78	12.1	378.0	
26	24.2	30.1	25.0	26.4	66	76	90	77	12.6	303.0	
27	26.0	30.3	22.5	26.3	83	86	90	86	12.4	702.0	
28	26.4	30.2	22.5	26.4	85	82	91	86	11.8	623.0	
29	21.9	22.8	23.3	22.7	63	57	80	67	11.7	634.0	
30	26.9	28.6	24.0	26.5	83	85	94	87	11.8	623.0	
31	26.0	29.5	24.6	26.7	82	79	95	85	12.1	488.0	
	22.22	25.18	21.24	22.88	80.7	80.9	92.0	84.5	9.42	394.51	1.54

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds Clear--0 Overcast--10				Direction and force of wind Beaufort scale			Sea	Notes
	8.30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2ci	1ci	4ci	2.3	1w	1n	1n	light	
2	9cu	9cu	5cu	7.7	1ne	2ne	2ne	slight	T. p.m.
3	0	1cu	2cu	1.0	1sw	1ne	2ne	light	
4	2cu	1cu	0	1.0	2nw	1sw	1sw	slight	T. a.m.
5	0	0	0	0.0	1sw	1aw	0	light	
6	1cu	3cu	0	1.3	1sw	1sw	0	light	
7	0	0	0	0.0	1ne	1ne	0	"	
8	5cu	0	5cu	3.3	2nw	1ne	1sw	"	
9	9cu-ni	8ni	9cu-ni	8.7	1sw	3sw	1sw	slight	T. p.m.
10	5cu	10ni	2cu	5.7	2sw	2sw	1sw	mod	
11	2cu	2cu	0	1.3	1sw	1sw	1sw	slight	
12	0	0	0	0.0	2sw	1nw	1nw	light	
13	0	0	0	0.0	1n	1nw	1n	"	
14	2cu	0	0	0.7	1ne	1ne	0	"	
15	9cu-cl	10cu	10cu-st	9.7	1sw	0	0	"	
16	10cu	1cu	0	3.7	1w	1w	0	light	
17	0	1ci	3cu	1.3	1sw	1sw	1sw	"	
18	1cu	0	0	0.3	1nw	1n	1n	"	
19	10ni	0	0	3.3	1w	1n	0	"	
20	0	0	0	0.0	1nw	1nw	0	"	
21	0	0	0	0.0	1ne	2ne	1ne	slight	
22	4cu	0	0	1.3	1ne	1ne	0	light	
23	0	0	0	0.0	1w	1ne	0	"	
24	0	0	0	0.0	1nw	0	0	"	
25	0	0	0	0.0	0	1ne	2ne	"	
26	8cu	8cu	0	5.3	0	0	0	calm	
27	0	0	0	0.0	1sw	2sw	0	light	
28	0	1ci	0	0.3	1sw	2sw	2sw	"	
29	3ci	0	7cu	3.3	2sw	1sw	1sw	"	
30	0	3cu	0	1.0	3sw	3sw	2sw	"	
31	0	0	0	0.0	2sw	2sw	1sw	"	
				2.01					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind ; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	5	0	0	0	14	4	6	2	31
14:30	3	9	0	0	0	11	1	4	3	31
20:30	3	4	0	0	0	10	0	1	13	31
Total	6	18	0	0	0	35	5	11	18	93

Number of days with rain 5, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 3.08